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IoT Based Paralysis Patient Health Monitoring System

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Abstract: *In the medication process, it is a common practice to treat patients with saline solution for dehydration and other health problems to improve the health status of patients. During saline feeding, continuous monitoring by nurses is mandatory when monitoring the saline level. There are many cases where patients are harmed due to the inattention of the staff because their absence does not register the refilling of the saline level in the container. This creates the problem of backflow of blood immediately after the completion of the physiological solution in the container. Therefore, an IoT-based saline level monitoring system was developed to protect the patient from harm. The proposed model contains a sensor that continuously detects drops of physiological solution. Whenever the sensor does not detect drops for a certain interval, it alerts hospital staff with a buzzer, helping to monitor patient safety.*

Keywords: IoT, WSN, MEMS, PWM, IDE, BPM

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